

LISTING OF CLAIMS

8. (Currently Amended) A rotating table apparatus having a driven shaft supported by a housing and driven by a driving means and a rotating table which is rotatingly driven by said driven shaft using a cam and cam followers;

β1 wherein the rotating table apparatus has an opposing surface which opposes an end surface of the rotating table in a direction along a rotation shaft of said rotating table, there is invariably provided a space between said opposing surface and said end surface ~~and oil intervenes in said space;~~

wherein a gap portion in the housing is provided with oil for lubricating said cam and said cam flowers, and;

wherein said space is linked with said gap portion, so that a portion of oil provided in said gap portion flows into said space.

9. (Previously Added) A rotating table apparatus according to Claim 8 wherein said space is 0.005 mm or more and 0.2 mm or less.

10. (Previously Added) A rotating table apparatus according to Claim 9 wherein said opposing surface is a part of said housing.

11. (Cancelled)